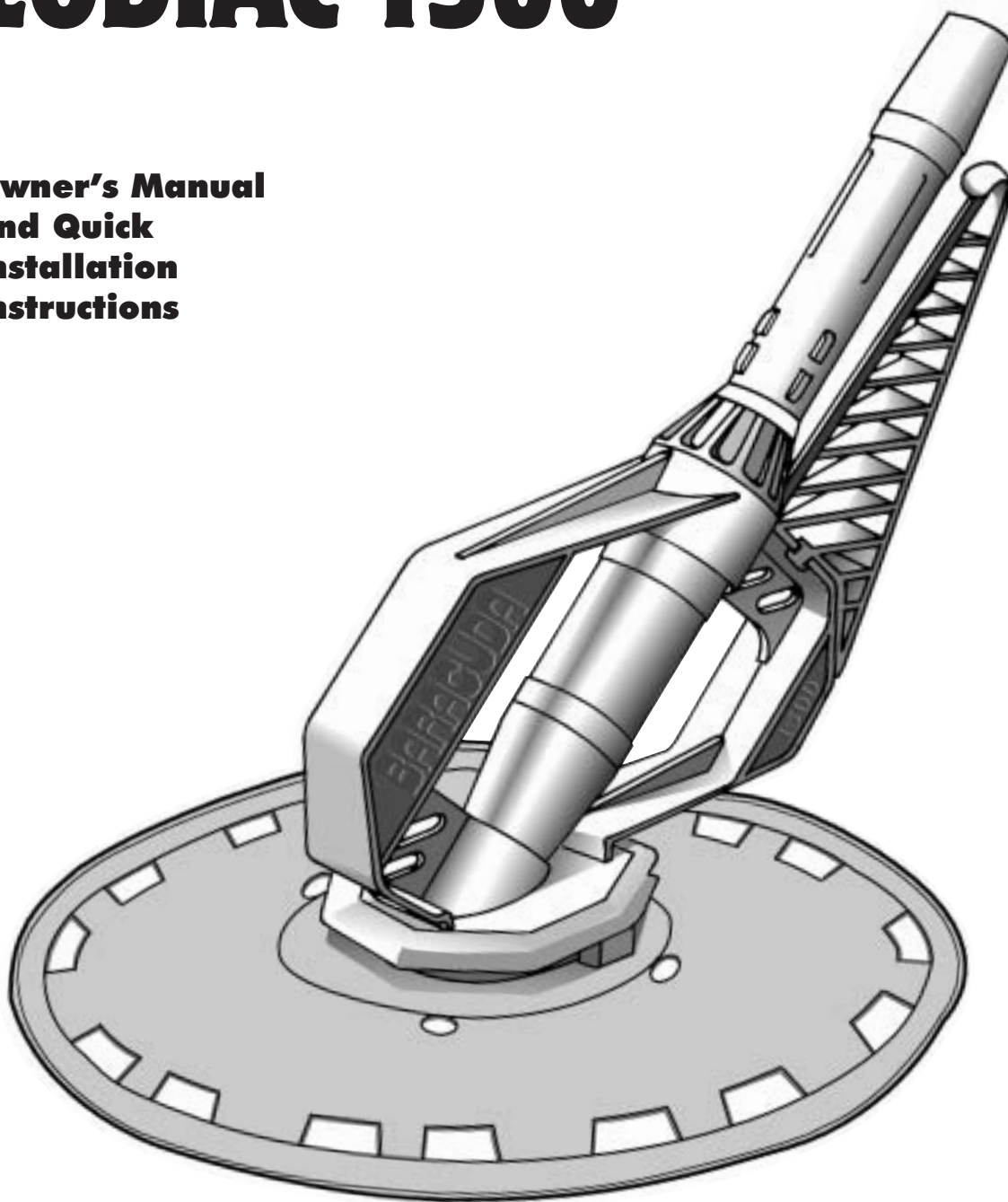




ZODIAC

ZODIAC 1500™

**Owner's Manual
and Quick
Installation
Instructions**



THANK YOU FOR PURCHASING THE ZODIAC 1500™.
**YOUR ZODIAC 1500 HAS BEEN DESIGNED AND MANUFACTURED TO BE EASILY
INSTALLED AND TO PROVIDE YEARS OF LOW MAINTENANCE OPERATION.**

PRIOR TO INSTALLING YOUR NEW ZODIAC 1500, PLEASE DO THE FOLLOWING:

- 1) Complete and return the warranty card.
 - 2) Record your purchase information on the spaces provided below.
 - 3) Attach your invoice (or a copy) to this page.
- These actions will insure prompt warranty service, should it be required.

RECORD YOUR ZODIAC 1500 POOL CLEANER DATA HERE:

Date of Purchase _____

Purchased From _____

City _____ Province _____ Postal Code _____

Serial No.: _____

ZODIAC 1500 LIMITED WARRANTY

This Zodiac 1500 was carefully inspected before shipment from our warehouse. Upon unpacking, if any part proves defective or missing, please notify Zodiac Pool Care Canada, Ltd. immediately. Please consult owner's manual for complete instructions on the installation and operation of your Zodiac 1500.

ZODIAC POOL CARE CANADA, LTD. WARRANTS THE ZODIAC 1500 POOL CLEANER AGAINST ALL MANUFACTURING DEFECTS AND ALL WEAR AND TEAR FOR TWO (2) YEARS. ALL WARRANTIES ARE EFFECTIVE FROM THE DATE OF PURCHASE.

Should this product prove defective in workmanship, materials or wear during the applicable warranty period, the consumer's sole and exclusive remedy shall be such repair or replacement of the product as provided below.

THIS LIMITED WARRANTY EXCLUDES THE FOLLOWING:

1. Discoloration of the Zodiac 1500 pool cleaner. This is caused by reaction to ultraviolet rays and the chemicals used in the pool water. Discoloration does not affect the operating ability of the Zodiac 1500. Therefore, this Limited Warranty does not cover the replacement of discolored parts.
2. Damage to or malfunction of the unit resulting from excess chlorination or improper water chemistry balance.
3. Replacement of parts which fail or become defective as a result of improper installation, negligence, misuse, abuse or tampering by unauthorized repair personnel.
4. Age, pool water imbalance, and improper installation can cause vinyl pool liners to become brittle or unduly wrinkled. Corrosion of the supporting walls and/or irregularities in the pool base may also cause liner failure. The use of this product in such an environment is at the pool owner's risk. Therefore, the pool owner hereby releases the manufacturer from any and all claims for damage where these conditions exist.
5. The Zodiac 1500 is designed for use in aboveground pools only. If unit is used in any other application, the pool owner hereby releases the manufacturer from any and all claims. This misuse will void all warranty on the unit.

THE LIMITED WARRANTY PROVIDED HEREIN IS THE SOLE AND EXCLUSIVE WRITTEN WARRANTY WITH RESPECT TO THE ZODIAC 1500 POOL CLEANER. ALL IMPLIED WARRANTIES IMPOSED BY APPLICABLE LAW, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WITH RESPECT TO EACH COMPONENT OF THE ZODIAC 1500 ARE LIMITED TO THE DURATION OF THE EXPRESS LIMITED WARRANTY WITH RESPECT TO SUCH COMPONENT. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

In no event shall ZODIAC POOL CARE CANADA, LTD. be liable in contract or in tort, or under any other legal theory, for lost profits or revenues, loss of use or similar economic loss, or for indirect, special, incidental, consequential or similar damages, even if it has been advised of the possibility of such claim. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

No claim under this Limited Warranty will be recognized unless the registration card, included in your box, is completed and returned within fifteen (15) days of the purchase date. Only the original purchaser may submit a claim under this Limited Warranty. Purchaser's claims against ZODIAC POOL CARE CANADA, LTD., shall be limited to those claims which may be asserted under the Limited Warranty relating to any defect, malfunction or wear of the Zodiac 1500.

To obtain warranty replacements or repair, call for authorization at (888) 647-4004. When submitting a claim, always supply serial number, evidence of purchase date, retailer and a brief description of the problems/defects encountered. ZODIAC POOL CARE CANADA, LTD., reserves the right to repair or replace all defective or worn parts covered by this Limited Warranty and return same to purchaser, freight collect.

ZODIAC POOL CARE CANADA, LTD. assumes no responsibility for any warranties or representations made by other individuals or businesses beyond the express terms contained in this Limited Warranty.

This warranty gives you specific legal rights, and you may also have other rights which vary from province to province.

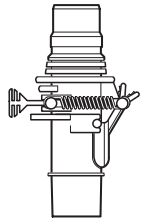
For sale and use in the United States, Canada, and Mexico only. This pool cleaner is not warranted or guaranteed outside of the United States, Canada, or Mexico.

This pool cleaner is covered by one or more of the following Canadian and U.S. patents and Canadian registered design:
Canadian patent nos. 1254 105, and 1256 262. U.S. patent nos. 4642 833, 4742 593, 5450 645, 5418 995 and 4982 754.

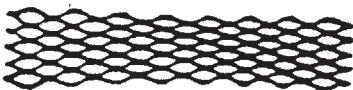
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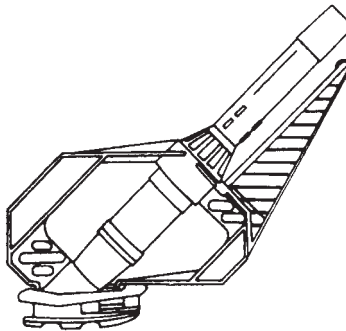
Check that the following parts are included:



(1) FlowKeeper Valve



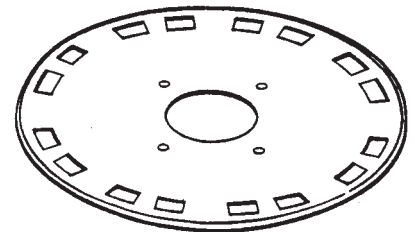
(1) Hose Protector



(1) Cleaner Head



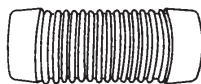
(11) Hose Lengths



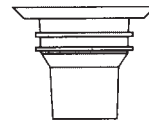
(1) Slotted Disc



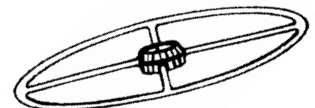
(2) 45-degree Installation Adapter Elbows



(1) Hose Connector



(1) Aboveground Skimmer Cuff



(1) Wheel Deflector

Stop: If any of the above listed parts are missing, do not return it to your dealer. Please call 1-888-647-4004.

Important:

Vinyl liners are subject to deterioration or damage due to age, the effect of chemicals, corrosion or failure of the supporting walls; as well as improper installation, maintenance or cleaning of the supporting walls or base.

Before installing the Zodiac 1500, examine the interior of your pool carefully. If your vinyl liner is brittle or has wrinkles, stones, roots or metal corrosion in contact with the underside of the liner, or has damage to the base material or supporting walls, do not install the Zodiac 1500 before having a qualified professional perform the necessary repairs.

HOW YOUR ZODIAC 1500™ WORKS

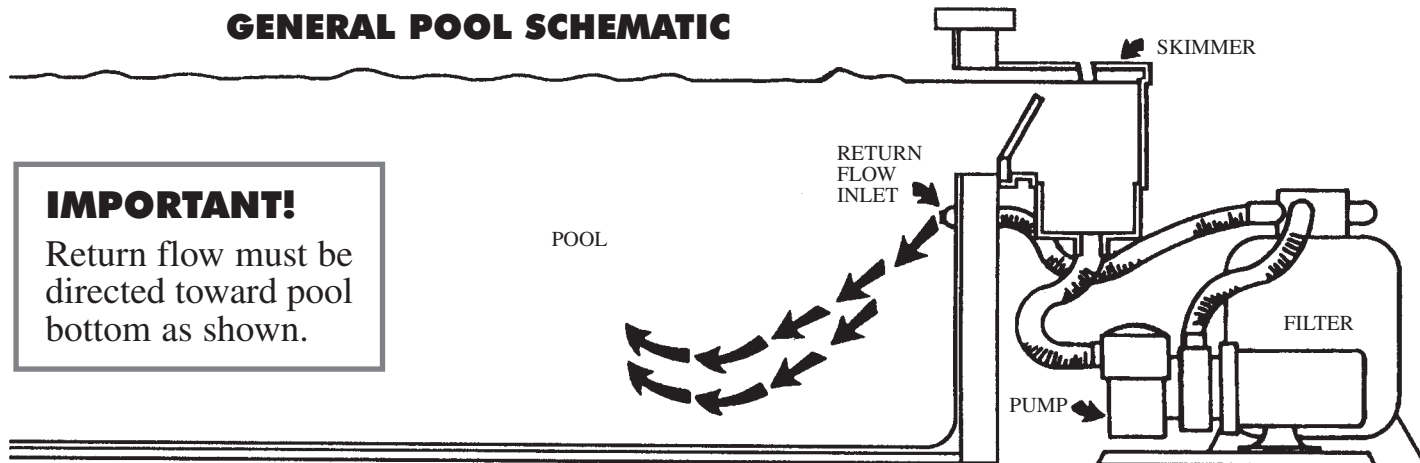
- Your pool pump pulls water from the skimmer through a strainer basket, then pushes the water through the filter system and back into the pool through the return inlet.
- The Zodiac Automatic Pool Cleaner connects to the skimmer or dedicated vacuum line with the attachments provided. Water flows through the diaphragm of the cleaner at a rate of 14 to 19 gallons per minute.
- Diverting or re-directing the return inlets downward breaks up the circulation pattern of water within the pool. This allows random cleaning around the pool.
- Most common problems can be eliminated by reading through the entire manual before installing your new Zodiac 1500.

PREPARE THE POOL AND FILTRATION SYSTEM

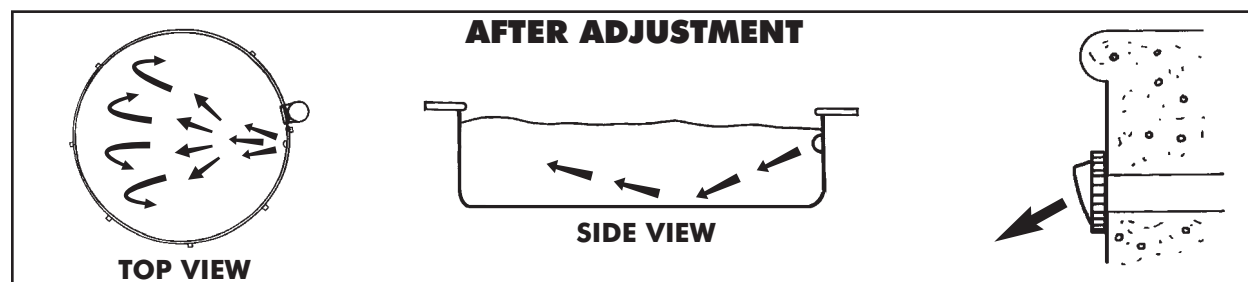
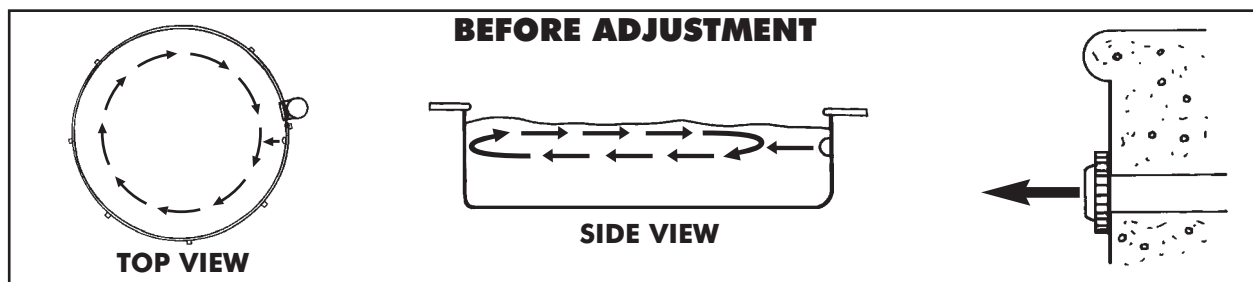
- ☐ Manually vacuum your pool if excessive debris is present. This eliminates unnecessary adjustment later.
- ☐ Backwash or clean the filter according to the manufacturer's instructions.
- ☐ Clean the skimmer basket and the pump strainer basket.
- ☐ Divert the pool return inlet downward to the bottom of the pool.

Note: If your pool is equipped with a main drain, turn it off.

GENERAL POOL SCHEMATIC



Diverting the pool return inlets downward allows the Zodiac 1500 to move randomly throughout the pool. Loosen the lock ring on the return inlet, aim the eyeball straight downward and tighten the lock ring.

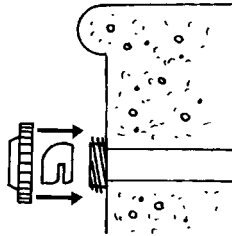


Note: If the return inlets cannot be pointed downward, then you **MUST** install Zodiac return line diverters. Please call Zodiac for a dealer near you.

FOR POOLS WITH RETURN INLET DIRECTIONAL FITTINGS

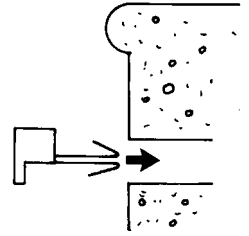
Replace the directional eyeball with Zodiac retrofit eyeball return line diverter and reinstall eyeball retaining ring.

Part #W90153 for 1½" return lines
Part #W90155 for 2" return lines



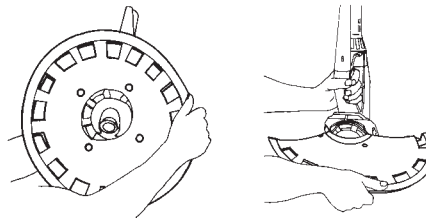
IF UNABLE TO ADJUST RETURN INLETS OR FOR POOLS WITHOUT RETURN INLET DIRECTIONAL FITTINGS

Use Zodiac universal return line diverter (Part #W24100). Pinch wires together and insert fully into return inlet.

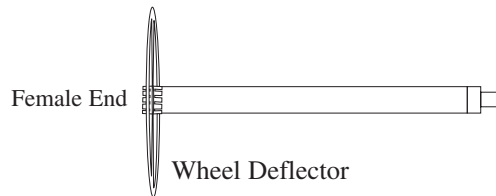


ASSEMBLY

Step 1: Slide the disc over the base of the footpad. Be sure it fits properly in the grooves provided. Be sure to install the disc with "TOP" printed facing up.

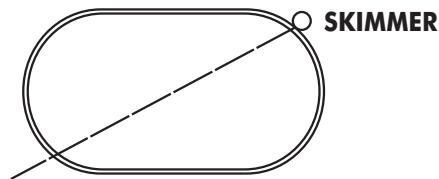


Step 2: Slide the wheel deflector onto the female end of the hose. The female end will eventually attach to the Zodiac 1500 head.

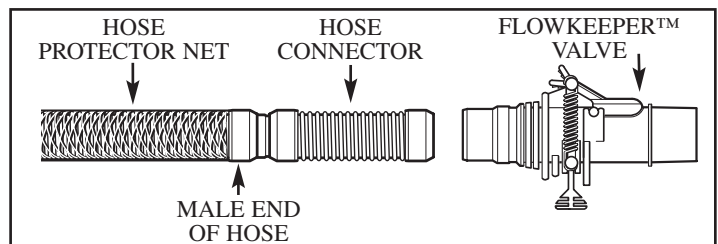


Step 3: HOSE ASSEMBLY

Assemble enough hose sections to reach the farthest point in the pool from the skimmer, **plus** one extra hose section.



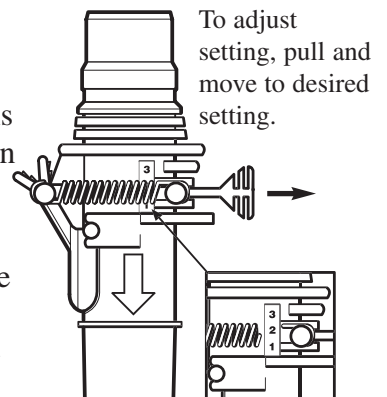
Step 4: Place the hose protector sleeve over the male end of the hose. Place the hose connector on the male end of the hose.



FLOWKEEPER™ VALVE

The pool pump provides more gallon per minute flow than your Zodiac 1500™ requires. That's why we provide a way to regulate the flow. The FlowKeeper Valve is self adjusting and provides a by-pass, so that the pool pump and the Zodiac 1500 run properly. The FlowKeeper Valve **MUST BE** used.

Skimming action is maintained through a bypass throat in the valve. As the filter collects debris, the valve automatically maintains the correct flow to the cleaner. The FlowKeeper valve comes preset at the two (2) setting. The lower the number, the lower the flow to the cleaner head. Should readjustment become necessary, pull the adjustment handle to raise or lower the setting. There are three total setting options.



INSTALLATION

Note: Be sure you have turned off the main drain, if your pool has one.

Step 1: Select the fitting combination best suited to your skimmer from methods A or B. Do not connect the fittings yet.

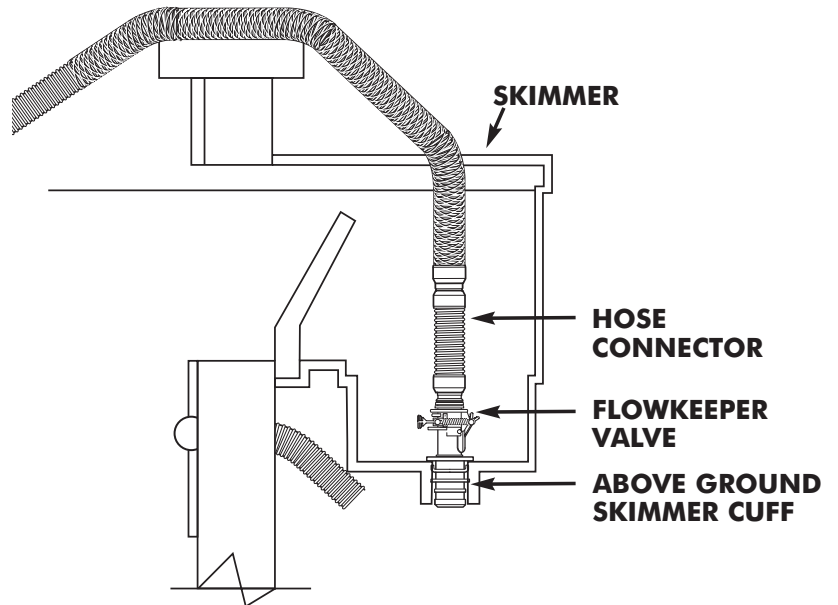
CAUTION: The FlowKeeper Valve **MUST** be used on all installations. Ensure the arrow on the valve is pointing downward, toward the skimmer suction port.

METHOD A

Direct Installation

Remove Vacuum Plate and Skimmer Basket

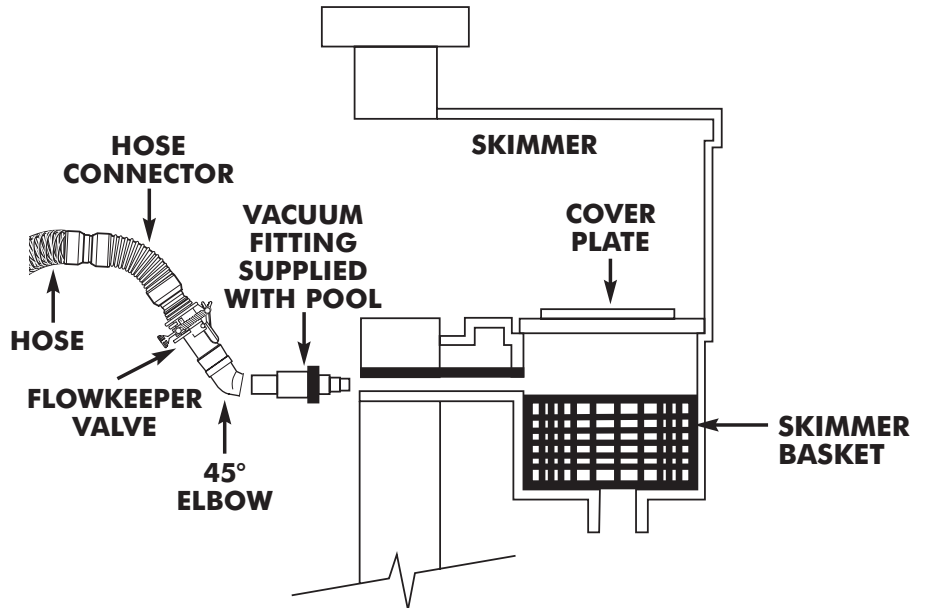
Note: You may need to use the 45° elbows, depending on the depth of your skimmer.



METHOD B

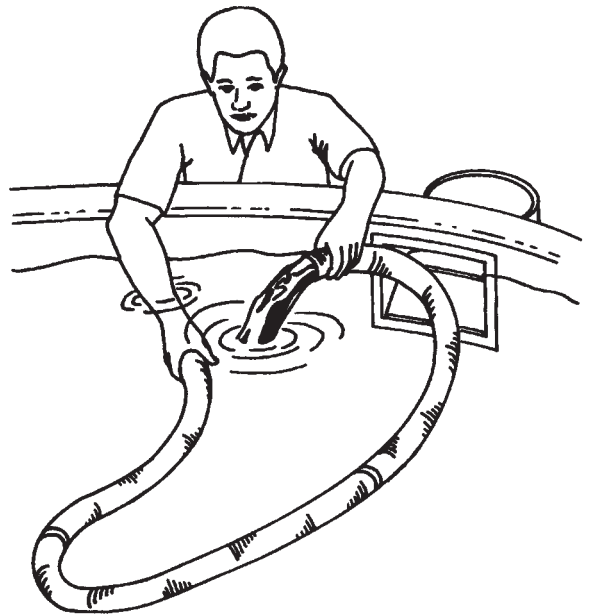
Vacuum Line Installation

IMPORTANT: To help prevent suction entrapment accidents, wall vacuum fittings should have a safety vac lock installed. Contact your builder or retail pool professional for details.



Step 2: To prevent losing prime to your pool pump, all air must be removed from the hoses and the Zodiac 1500™ head before connecting them to your system.

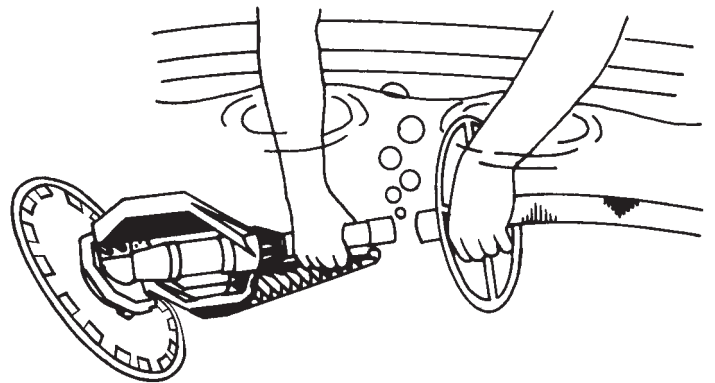
Hold one end of the hose over the return inlet until a full stream of water flows from the other end.



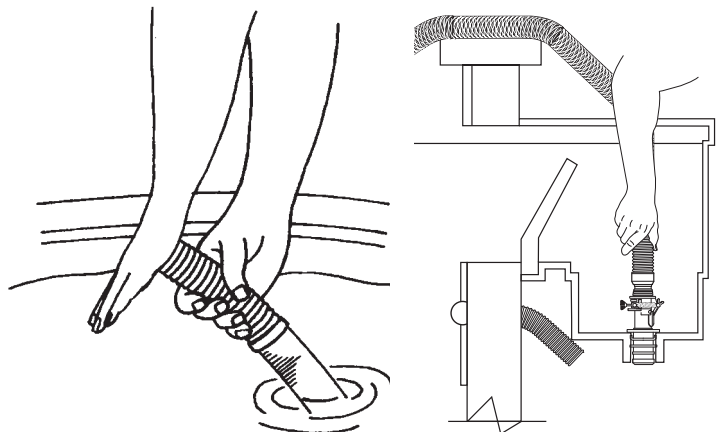
IMPORTANT

Your hose is now free of air. Please ensure that the hose ends are kept under water while performing the following steps. This will prevent air from entering your system.

Step 3: Keep both hose ends underwater and completely submerge the Zodiac 1500 head. When the bubbles have stopped flowing from the head, connect the female end of the hose to the Zodiac 1500.



Step 4: Cover the other end of the hose (with the hose connector) tightly with your hand. Move to the skimmer and connect the hose end to the fitting combination selected in Step 1. Now you are ready to insert the end of the assembly into the suction port of the skimmer.



Your assembly is now complete - enjoy!

CARE AND MAINTENANCE

QUICK ACCESS CASSETTE SYSTEM

Large foreign objects, such as children's toys, tree branches and rocks, should be removed manually from your pool prior to operating an automatic pool cleaner. In the event a foreign object does not get manually removed and a blockage occurs, the Quick Access Cassette System allows you the opportunity to remove the blockage or check the diaphragm for damage in minutes at poolside.

Inspect the diaphragm for the blockage or damage. If damage is evident, i.e., a cut or hole on the sides of the diaphragm, contact Zodiac Pool Care Canada, Ltd. (1-888-647-4004) for an authorized Zodiac warranty station.

If a blockage is apparent, grasp it and remove it. If this can't be done, a garden hose may be used to flush the obstacle through. Do not use any sharp objects to probe or push an obstruction as this may damage the diaphragm.

DIAPHRAGM REMOVAL

Holding the frame assembly in one hand, grasp the cassette handnut firmly and turn it counter-clockwise (Figure 1). Pull the complete cassette out of the frame (Figure 2). Holding the cassette at each end, unscrew the cassette pipe from the diaphragm chamber two full turns (Figure 3). Grasp the lip of the diaphragm and pull the diaphragm out. (The inner pipe will be attached and will make a loud noise.) (Figure 4). Pull the diaphragm off of the inner pipe, leaving the retaining ring on the diaphragm (Figure 5).

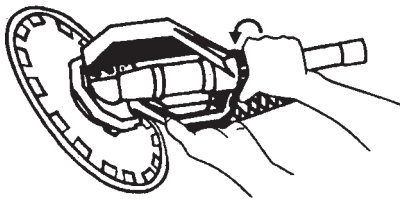


FIGURE 1

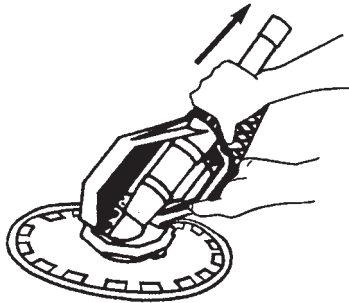


FIGURE 2

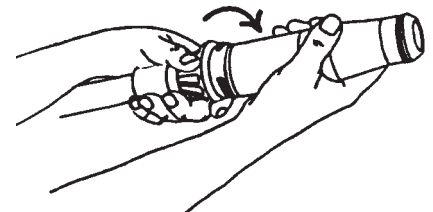


FIGURE 3

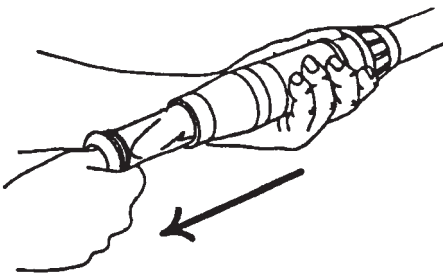


FIGURE 4

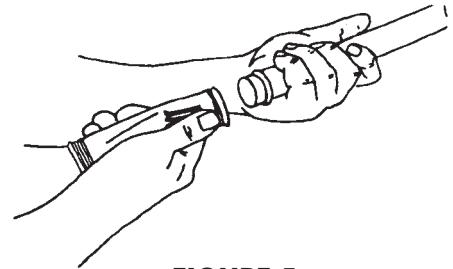


FIGURE 5

DIAPHRAGM ASSEMBLY

Prior to reinstalling the diaphragm, rinse the diaphragm and the inner extension pipe thoroughly to remove any grit or algae. Attach the diaphragm to the inner extension pipe using the retaining ring (Figure 6). Slide the inner extension pipe into the diaphragm chamber. Pressing on the underside of the diaphragm's ridges, push the diaphragm into the chamber (Figure 7). Holding the cassette at each end, tighten the cassette pipe until snug. Do not overtighten. (Figure 8). Insert the cassette into the frame assembly and twist the handnut clockwise until it locks into place (Figure 9). NOTE: The indicator line on the handnut will line up with the center ridge on the frame assembly.

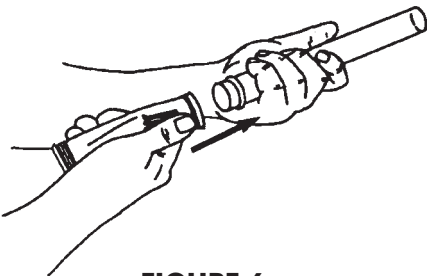


FIGURE 6

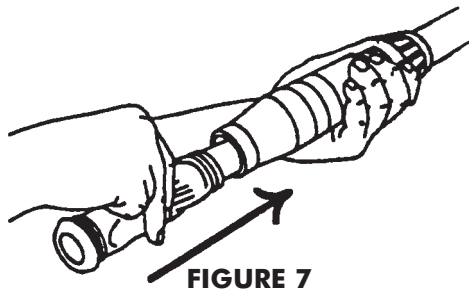


FIGURE 7

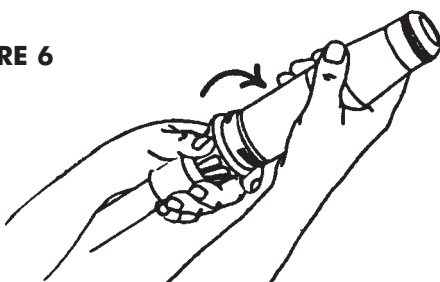


FIGURE 8

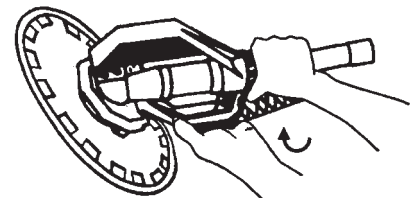
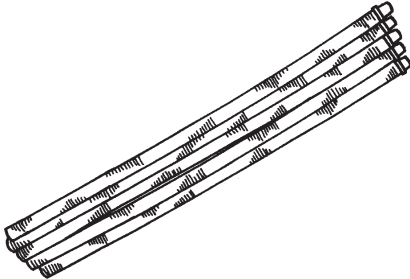


FIGURE 9

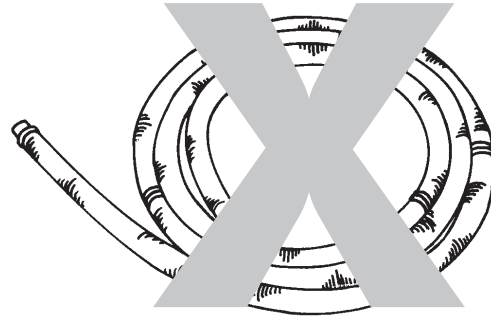
CARE AND MAINTENANCE

Sunlight (ultraviolet rays), water and swimming pool chemicals create a harsh environment. To increase the lifespan of the Zodiac 1500™ and hose, you should:

1. Remove the Zodiac 1500 from the pool before super chlorinating or other chemical balancing and re-install a minimum of four hours later.
2. Always store the hoses straight (in the original box if possible). To prevent memory, never coil the hose. (Coiled hose may be straightened with hot water or by laying the hose in the sun on a warm deck for several hours.)



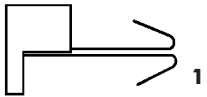

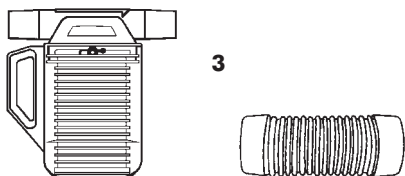
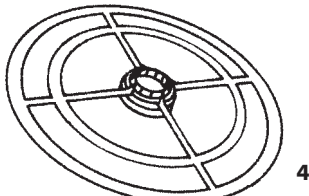
CORRECT



INCORRECT

3. If you should develop an algae or chemical imbalance problem, remove the Zodiac 1500, follow the advice of a qualified pool professional, and reinstall the Zodiac 1500 when the imbalance is corrected. Chemical damage is not covered under the warranty.
4. Thoroughly clean the skimmer basket, pump basket and pool filter on a regular basis. ALWAYS disconnect the hose from the skimmer or vacuum line BEFORE backwashing your filter.

ZODIAC ACCESSORIES

PART ILLUSTRATION	PART NO.	DESCRIPTION
	1. W24100	Return Line Diverter Use when no other return inlet directional fittings exist.
	2A. W90153 (for 1 1/2" return inlet) 2B. W90155 (for 2" return inlet)	Retrofit Eyeball Return Line Diverter Use to replace standard directional inlet eyeballs.
	3. W26705	The Leaf Catcher with 4 1/2" Hose Connector Use when heavy debris or leaf situations exist.
	4. W46155	Large Wheel Deflector Use when extra clearance needed at steps or other obstacles.

TROUBLESHOOTING

If you experience a problem with your Zodiac 1500™, please review the installation section and ensure all steps have been followed correctly.

PROBLEM

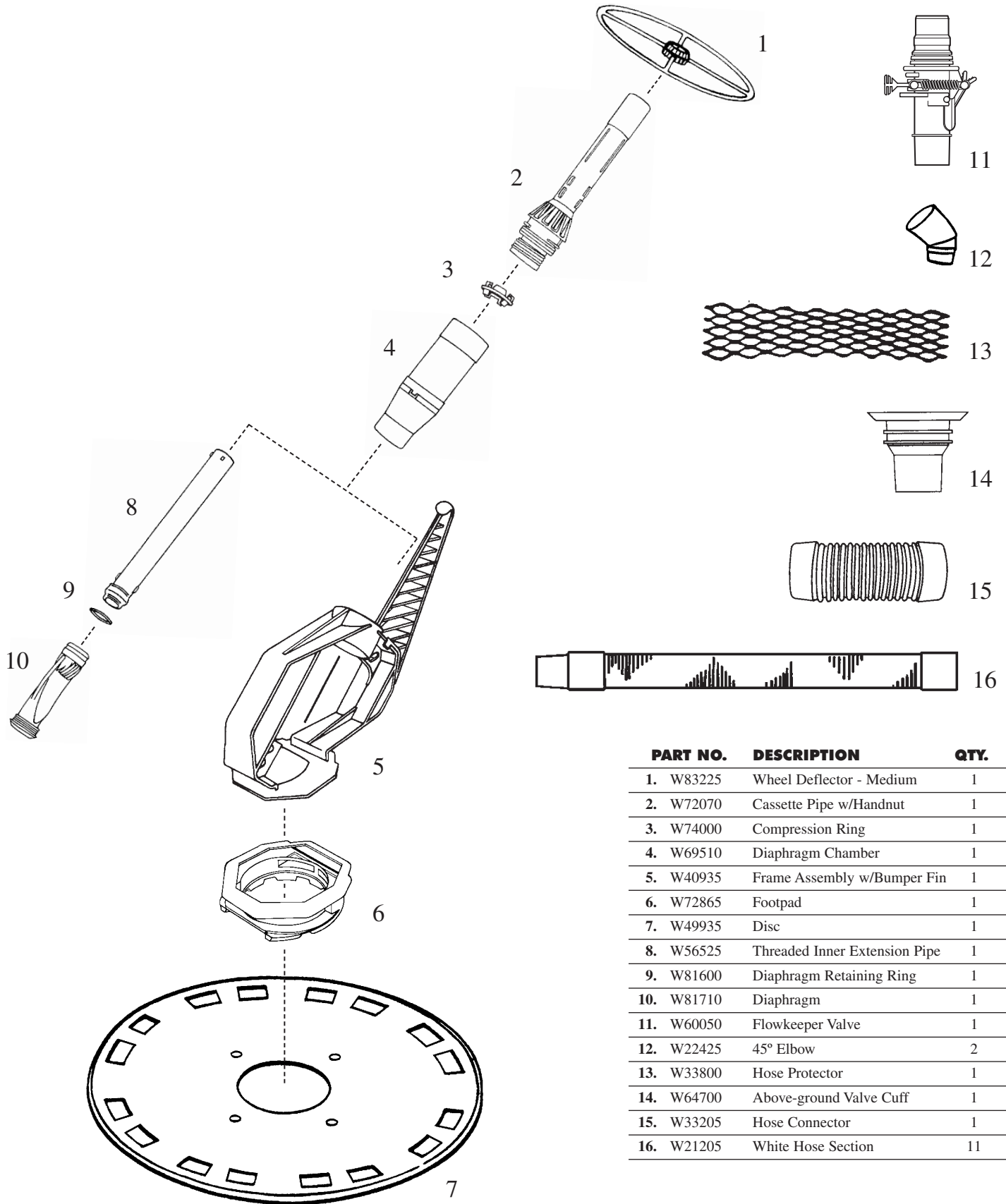
SOLUTION

1. Machine does not move, or moves sluggishly.	<ul style="list-style-type: none">• Confirm that the main drain is closed, if you have one.• Backwash filter and empty pump basket.• Check diaphragm for damage or wear (see Quick Access Cassette System).• Check for air in system. If water level in pump basket drops or you notice excessive air bubbles in pump basket or coming from jets, you have air in the system. Check hose connections, tighten all fittings at pump, check gasket in pump basket for wear.• Increase flow by adjusting FlowKeeper valve to higher setting. <p>Note: In water 60° F or less, it may be necessary to increase flow to compensate for the reduced flexibility of the hose and diaphragm. To increase flow, adjust FlowKeeper Valve to higher setting.</p>
2. Machine does not cover entire pool.	<ul style="list-style-type: none">• Point return jets as far down as possible.• Make sure hose does not have memory from being coiled (see Care and Maintenance).• Confirm proper hose length.• Increase setting on FlowKeeper Valve if necessary.
3. Machine sticks on ladder.	<ul style="list-style-type: none">• Decrease setting on FlowKeeper Valve to lower flow and to bring the cleaner off the wall.• Remove ladder if possible.• Install large wheel deflector. (see Zodiac Accessories)
4. Machine sticks in steps.	<ul style="list-style-type: none">• Ensure correct amount of hose is being used (see Assembly). Shorten if necessary.• Reduce setting on the FlowKeeper Valve.• Install large wheel deflector.
5. Machine stays on walls or edge of pool.	<ul style="list-style-type: none">• Reduce setting on the FlowKeeper Valve.
6. Machine won't climb walls.	<ul style="list-style-type: none">• Increase flow by adjusting FlowKeeper Valve to higher setting.

**If this unit is not working properly, do not return it to your dealer.
Please call 1-888-647-4004.**

IMPORTANT: If your Zodiac 1500 gets stuck in your pool, please remove the unit and immediately contact ZODIAC POOL CARE CANADA, LTD. at 1-888-647-4004.

ZODIAC 1500™ PARTS DIAGRAM



PART NO.	DESCRIPTION	QTY.
1. W83225	Wheel Deflector - Medium	1
2. W72070	Cassette Pipe w/Handnut	1
3. W74000	Compression Ring	1
4. W69510	Diaphragm Chamber	1
5. W40935	Frame Assembly w/Bumper Fin	1
6. W72865	Footpad	1
7. W49935	Disc	1
8. W56525	Threaded Inner Extension Pipe	1
9. W81600	Diaphragm Retaining Ring	1
10. W81710	Diaphragm	1
11. W60050	Flowkeeper Valve	1
12. W22425	45° Elbow	2
13. W33800	Hose Protector	1
14. W64700	Above-ground Valve Cuff	1
15. W33205	Hose Connector	1
16. W21205	White Hose Section	11

LET US HELP! - ZODIAC 1500™

If you are having a coverage problem you cannot solve, mail or fax us the following information along with a **sketch of your pool shape, including dished out or hopper areas if they exist, and indicating the location of skimmers, inlets, ladders, and the filter system. Also include a brief description of the problem.**

MAIL TO: ZODIAC POOL CARE CANADA, LTD.

2115 South Service Road West, Unit #3, Oakville, Ontario Canada L6L 5W2

Or FAX to: (905) 825-5780

CUSTOMER NAME: _____ TELEPHONE NO: (_____) _____

ADDRESS: _____

CITY: _____ PROVINCE: _____ POSTAL CODE: _____

SERIAL NO.: _____ PURCHASED FROM: _____

POOL SIZE: _____ PUMP SIZE (H.P.): _____

FILTER (circle one): SAND D.E. CARTRIDGE FILTER SIZE (or Model No.)_____

Indicate problem: _____

ZODIAC POOL CARE CANADA, LTD.

2115 South Service Road West, Unit #3

Oakville, Ontario L6L 5W2

1-888-647-4004

www.zpc.ca